

**DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled PHOTOVOLTAIC DEVICE; the specification of which was filed on September 8, 2003 as Application Serial No. 10/658,114.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/412,101

Filing Date: 09/19/2002

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

Priority  
Claimed

No.: 02447171.6

Country: EP

Date Filed: 09/09/2002

Yes

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14<sup>th</sup> Floor, Irvine, California 92614, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of first inventor: **Renat Bilyalov**

Inventor's signature R. Bilyalov

Date 17. 11. 2003

Residence: Perklaan 27, 3390 Tielt-Winge, Belgium

Citizenship: **Belgian citizen**

Post Office Address: Perklaan 27, 3390 Tielt-Winge, Belgium

Full name of second inventor: **Alexander Ulyashin**

Inventor's signature A. Ulyashin

Date 17. 11. 2003

Residence: Lützowstr 26, 58085 Hagen, Germany

Citizenship: **Belarus citizen**

Post Office Address: Lützowstr 26, 58085 Hagen, Germany

Full name of third inventor: **Jef Poortmans**

Inventor's signature J. Poortmans

Date 17.11.2003

Residence: Overwinningsstraat 51, 3010 Kessel-Lo, Belgium

Citizenship: **Belgian citizen**

Post Office Address: Overwinningsstraat 51, 3010 Kessel-Lo, Belgium

Full name of fourth inventor: **Wolfgang Fahrner**

Inventor's signature Wolfgang Fahrner

Date Nov 18, 2003

Residence: **Grenzweg 23, 58097 Hagen, Germany**

Citizenship: **German**

Post Office Address: **Grenzweg 23, 58097 Hagen, Germany**

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Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

**Customer No. 20,995**

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bilyalov, et al. )  
App. No. : Unknown )  
Filed : September 8, 2003 )  
For : PHOTOVOLTAIC DEVICE )  
Examiner : Unassigned )

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignees below (the "Assignees"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignees is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignees.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected

**App. No.** : Unknown  
**Filed** : September 8, 2003

herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

INTERUNIVERSITAIR MICROELEKTRONICA CENTRUM  
(IMEC)

Dated: \_\_\_\_\_

By: \_\_\_\_\_



Title: \_\_\_\_\_

Address: Kapeldreef 75  
3001 Leuven  
Belgium

FERNUNIVERSITÄT HAGEN

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: Feithstrasse 152  
58084 Hagen  
Germany

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App. No. : Unknown  
Filed : September 8, 2003

herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

INTERUNIVERSITAIR MICROELEKTRONICA CENTRUM  
(IMEC)

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title:

Address: Kapeldreef 75  
3001 Leuven  
Belgium

Dated: 16.09.2003

FERNUNIVERSITÄT HAGEN

By: HWK/HK



Title:

Address: Feithstrasse 152  
58084 Hagen  
Germany

Application No.: Unknown  
Filing Date: September 8, 2003

PATENT  
Client Code: IMEC285.001AUS  
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**COPY  
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ASSIGNMENT**

WHEREAS, We, Renat Bilyalov, a Belgian citizen, residing at Perklaan 27, 3390 Tielt-Winge, Belgium; Alexander Ulyashin, a Belarus citizen, residing at Lutzowstr 26, 58085 Hagen, Germany; Jef Poortmans, a Belgian citizen, residing at Overwinningsstraat 51, 3010 Kessel-Lo, Belgium; Wolfgang Fahrner, a German citizen, residing at Grenzweg 23, 58097 Hagen, Germany, have invented certain new and useful improvements in a PHOTOVOLTAIC DEVICE for which we have filed an application for Letters Patent in the United States, Application No. \_\_\_\_\_, Filed on September 8, 2003;

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC), with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium, and FernUniversität Hagen, with its principal place of business at Feithstrasse 152, 58084 Hagen, Germany, (hereinafter collectively referred to as "ASSIGNEES"), desire to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEES, their successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEES, their successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of October, 2003

R. Bilyalov  
Renat Bilyalov

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of October, 2003

A. Ulyashin  
Alexander Ulyashin

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of October, 2003

J. Poortmans  
Jef Poortmans

Application No.: Unknown  
Filing Date: September 8, 2003

PATENT

Client Code: IMEC285.001AUS

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_.  

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Jef Poortmans

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4<sup>th</sup> day of October, 20\_\_\_.  

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Wolfgang Fahrner  

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